



HCS-30NB/-3015NB TYPE



Our website: <https://www.daiken.ne.jp/eng/>

Single sliding
For Right(R)/Left(L) Opening

Door Weight	Slope Rail	Rail Wall Mounting	Self-Closing Type	Door Wide(mm)
10~30 Kg/Leaf	 30 : \varnothing 2200mm 3015 : \varnothing 2800mm		Slope makes the self-door closing and closed slowly by hydraulic control.	<div>30NB 600~1300 (Effective opening dimension: 450~1150)</div> <div>3015NB 1300~1500 (Effective opening dimension: 1150~1350)</div>

- For **wooden door**
- For **public facility**
- **Hydraulic control**
- **Back-check function**
- **Certified from the Public Buildings Association in Japan** (<https://www.pbaweb.jp/association/english-outline/>)
- **Custom rail length**
(Can be cut any length according to door width)



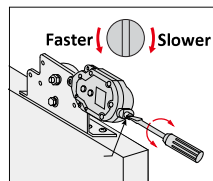
- 1 High-performance type equipped with "Hydraulic control" to be strength for temperature change.
- 2 Certified Product from the Public Buildings Association.
- 3 Corresponds to the Left and Right opening and easy to do conversion.

※Right opening : open to right direction seen from the rail mounting surface.
※Left opening : open to left direction seen from the rail mounting surface.

Recommended temperature range
0~40°C

Open and Close smoothly by Hydraulic control.

④ Hydraulic control



Closing quietly by "braking rack" inside rail

Prevent for a impact to vertical frame

⑧ Stopper

① Aluminum rail

"Back check function" to prevent door bounce when opening fully.

⑦ Rear side brake

② Front hanger roller

③ Rear hanger roller

Opening force 4.70N (0.48kgf)
at Door weight 30kg/leaf

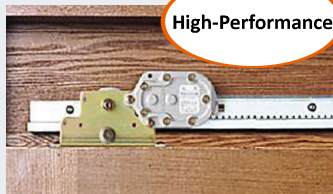
For Guide roller orbit

⑨ Guide rail

⑩ Guide roller

Prevent for door shaking

POINT



Smooth opening and closing by Hydraulic control to be strength with temperature change.

Opening and Closing force is constant in the range between 0°C~40°C irrespective of opening dimension by temperature compensation function of Hydraulic control.

Without Function



"Back check function" to prevent for door bounce.

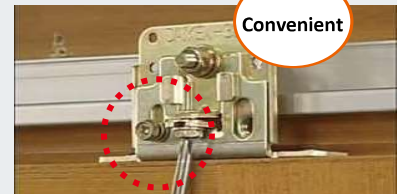
Brake function works for the door bounce when open the door fully and absorbs the crash sounds. Also prevent for a door and vertical frame damage.

With Function



DAIKEN Original

Smooth!



Easy adjust of door height fitting even if after enforcement.

Can adjust easily door height fitting only using of plus driver to Rear hanger frame.

Regular parts set

Assembly procedure



SLIDEX

Parts name	Dimension drawing	Specification
① Aluminum rail		<ul style="list-style-type: none"> ● Rail: A6063S-T5 (Alumite) Brake ● Rack: Nylon (G included)/Urethane ● The drawing is for Right opening, for Left opening is symmetrical. <p>() dimension shows HCS-3015NB</p>
② Front hanger roller		<ul style="list-style-type: none"> ● Frame: SPHC (Chromate) ● Axis: SWCH (Chromate) ● Roller: Polyacetal (With bearing)
③ Rear hanger roller		<ul style="list-style-type: none"> ● Frame: SPHC (Chromate) ● Axis: SWCH (Chromate) ● Roller: Polyacetal (With bearing)
④ Hydraulic control		<ul style="list-style-type: none"> ● Body: ADC (Silver painted) ● Pinion Gear: Nylon ● Main axis: SUS420J2
⑦ Rear side brake		<ul style="list-style-type: none"> ● Rail: A6063S-T5 (Alumite) ● Brake rack: Nylon (G included)/Urethane <p>Show sectional view widely</p>
⑧ Stopper		<ul style="list-style-type: none"> ● Stopper: A6063S-T5 (Alumite), Rubber, SUS301 ● Roller Stopper: SPHC (Chromate), Polyacetal ● The drawing is for Right opening, for left opening is symmetrical.
⑨ Guide rail		<ul style="list-style-type: none"> ● Rail: A6063S-T5 (Alumite) ● Cut appropriate length adjusting to door width
⑩ Guide roller		<ul style="list-style-type: none"> ● Body: SUS304 ● Main axis: SUS303 ● Roller: Urethane ● Snap ring: Steel

Optional Parts

Door stopper (Aluminum) HCS-CSR HCS-CSL 	Free stopper HCS-FSA 	Delay timer HCS-DT80NR HCS-DT80NL 	Indicator Lock HCS-1K 	Guide roller HCS-GRO-25 HCS-GRO-30 (mm) 25 (φ25) 30 (φ30) 	Adjustment type Guide roller HCS-MGRO
HCS-JJW HCS-JJK Upper Lock sets (For wooden door) 	Indicator lever (Set to Upper Lock) HCS-JIL 	Aluminum Fascia (Inspection cover) HCS-TKR20S HCS-TKR25S HCS-TKR30S ※20S:φ2000, 25S:φ2500 30S:φ3000(mm) 			



Covering up to 2,000mm of effective opening dimension. Please use more than HCS-80NB series in the rough treated place like school etc. The Case of door popping up could arise if door wide is narrow and weight is light.